

8 to the air cylinder 9 in a direction for moving the dresser 4 in a downward direction (a direction for pressing the polishing pad 2) and is supplied through a regulator 10 to the air cylinder 9 in a direction for moving the dresser 4 in an upward direction (a direction for countering the weight of the dresser).

**Please replace the paragraph beginning at page 8, line 2, with the following rewritten paragraph.**

In this polishing apparatus, the weight of the dresser tool 5 and the weight of the dresser shaft 6 are set in the regulator 10 and air is preliminary supplied through the regulator 10 to the air cylinder 9 in an amount sufficient for countering the weight of the dresser 4. Therefore, when no air is supplied through the controller 8 to the air cylinder 9, the pressure applied to the polishing pad 2 is zero. Consequently, by adjusting the amount of air supplied through the controller 8 to the air cylinder 9, the pressure applied to the polishing pad 2 can be adjusted to an arbitrary value between zero and a value larger than zero. That is, the pressure of the dresser tool 5 applied to the polishing surface of the polishing pad 2 can be minimized to a level less than the weight of the dresser tool 5 and can be adjusted to an arbitrary value exceeding that level.

**Please replace the paragraph beginning at page 8, line 17, with the following rewritten paragraph.**

As is described above, by supplying air through the regulator 10 to the air cylinder 9 in a direction opposite to the direction of air supplied through the controller 8, the weight of the dresser 4 is countered. In this case, however, the air cylinder 7 of a conventional type shown in Fig. 1 has a problem such that when the pressure applied to the polishing pad 2 is set to be low by the controller 8, it is difficult for an actual pressure applied to the polishing pad 2 to be precisely controlled due to a frictional resistance (slide resistance) of the air cylinder. This problem can be avoided by using the air cylinder 9 of a low-friction type having a frictional resistance of about 0.44 kg or less. By this arrangement, the minimum pressure applied to the polishing pad 2 can be set to a level as low as, for example, 10 N (Newton).